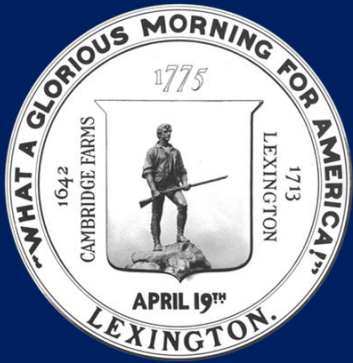


# ***TMMA Information Session*** ***September 14, 2016***

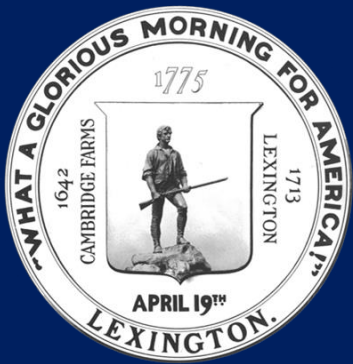
## ***Special Town Meeting 2016 - 5*** ***Article 4 – Appropriation for*** ***School Facility Capital Projects***



# Agenda

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- STM 2015 – 1 Budget
- Modular Locations
- Pre- Bid Estimate and Bidding Strategy
- Supplemental Request

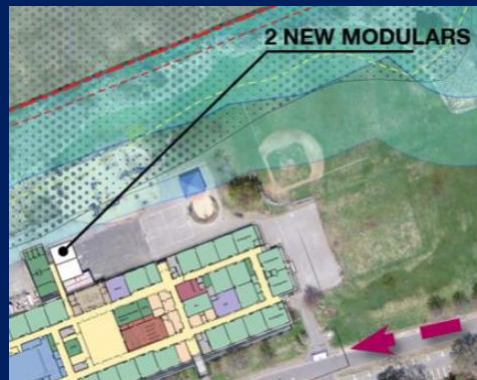


# Appropriation \$3.0 M Budget

	SMMA Daedalus Budget - 6 Mods			Total
Total Construction Contract				<b>\$2,233,275</b>
<b>Modular Construction</b>	6,079 sf	\$130/sf	\$790,270	
<b>Enclosed connectors</b>	143 sf	\$200/sf	\$28,600	
<b>Installation</b>	6,079 sf	\$195/sf	\$1,244,405	
<b>Utilities</b>			\$170,000	
Contingency (10%)				\$224,000
Design (10%)				\$224,000
Subconsultants				\$75,000
FF&E				\$150,000
Owner's Contingency				\$87,000
<b>Total Project Budget</b>				<b>\$2,993,275</b>



**Fiske (2)**



**Bowman (2)**



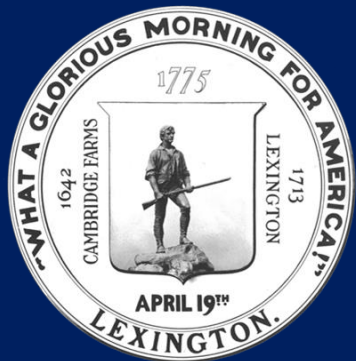
**Bridge (2)**





# Bowman Options Considered





# Bowman Option Selected

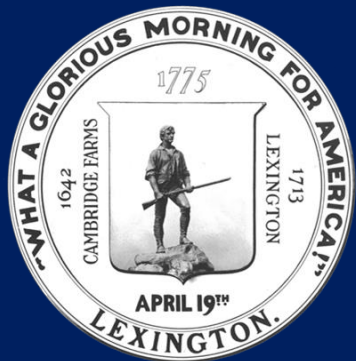






# Bridge Options Considered





# Bridge Option Selected

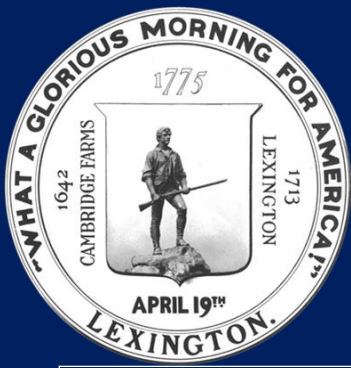






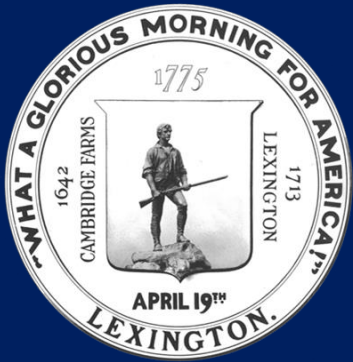






# Add Alternate Bid Strategy

	SMMA Daedalus Budget - 6 Mods			Total	DiNisco AM Fogarty Estimate - 6 Mods				5 mods bid	6 mods bid	
Total Construction Contract				<b>\$2,233,275</b>				<b>\$3,131,414</b>	\$3,149,459	<b>\$3,640,172</b>	<b>\$508,758</b>
<b>Modular Construction</b>	6,079 sf	\$130/sf	\$790,270		5,952 sf	\$205/sf	\$1,210,120	<b>\$419,850</b>			
<b>Enclosed connectors</b>	143 sf	\$200/sf	\$28,600		1,602 sf	\$205/sf	\$328,410	<b>\$299,810</b>			
<b>Installation</b>	6,079 sf	\$195/sf	\$1,244,405				\$1,296,383	<b>\$51,978</b>			
concrete						\$217,525					
openings						\$48,000					
finishes						\$19,500					
earthwork						\$410,923					
exterior improvements						\$253,341					
General Conditions						\$347,094					
<b>Utilities</b>			\$170,000				\$296,501	<b>\$126,501</b>			
fire suppression		\$20,000				\$28,000		<b>\$898,139</b>			
plumbing		\$40,000				\$32,550					
HVAC						\$15,000					
Electrical		\$20,000				\$46,290					
tele/data/FA tie in		\$20,000				\$32,550					
sewer connection		\$60,000									
storm water						\$128,191					
water connection		\$10,000				\$13,920					
Contingency (10%)				\$224,000				\$156,571	\$157,473	\$182,009	
Design (10%)				\$224,000				\$313,140	\$302,150	\$313,140	
Subconsultants				\$75,000				\$108,285	\$108,285	\$108,285	
FF&E				\$150,000				\$150,000	\$125,000	\$150,000	
Owner's Contingency				\$87,000				\$36,000	\$36,000	\$36,000	
<b>Total Project Budget</b>				<b>\$2,993,275</b>				<b>\$3,895,410</b>	<b>\$3,878,367</b>	<b>\$4,429,606</b>	



# Fiske Impact of One or Two Modulars

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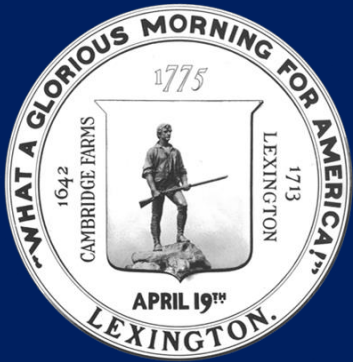
## One Modular

- ELL Classroom
- ELL Classroom
- Conference Room
- ETS/Conference room combined

## Two Modulars

- ELL Classroom (increased size and windows)
- ELL Classroom (increased size and windows)
- Moderate Resource Room
- Moderate Resource Room
- Moderate Resource Room (possible)\*
- Teacher Work Room (possible)\*
- Conference Room
- ETS/Conference Room combined
- Social Worker Office (increased size and windows)
- METCO Social Worker Office (increased size and windows)
- Small group tutorial space restored
- Small group tutorial space restored





# Supplement for Article 4

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	6 Classrooms
Project Cost, After Bids	\$4,430,000
Previously Appropriated	\$3,000,000
<b>Supplement Required</b>	<b>\$1,430,000</b>
Available, STM-1, Art. 2 (Hastings w/out MSBA)	\$520,000
<b>Net Additional Appropriation</b>	<b>\$910,000</b>